

09/09/2003, 08:22

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|---|------|-----|----------|---|---|------------------|
| 1 | BRS | L1 | 18149508 | erlad<=19990831 or @ad<=19990831 | USPAT; US-PGP UB; EPO; JPO; DERWENT; IBM_TD B | 2003/01/09 16:02 |
| 2 | BRS | L2 | 1051 | 1 and (image\$1 same management\$1) and (image\$1 same search\$3) | USPAT | 2003/01/09 16:04 |
| 3 | BRS | L3 | 18 | 2 and (input\$4 same search\$3 same term\$1) | USPAT; US-PGP UB; EPO; JPO; DERWENT; IBM_TD B | 2003/01/09 16:14 |
| 4 | BRS | L5 | 3 | 4 and (rearrang\$3 or reorgani\$3) | USPAT; US-PGP UB; EPO; JPO; DERWENT; IBM_TD B | 2003/01/09 17:39 |
| 5 | BRS | L6 | 7 | 4 and matri\$3 | USPAT; US-PGP UB; EPO; JPO; DERWENT; IBM_TD B | 2003/01/09 16:18 |
| 6 | BRS | L4 | 51 | 2 and (input\$4 same search\$3 same (term\$1 or ((key adj word\$1) or keyword\$1))) | USPAT; US-PGP UB; EPO; JPO; DERWENT; IBM_TD B | 2003/01/09 17:07 |
| 7 | BRS | L7 | 19 | 5038379.uref,bi. | USPAT; US-PGP UB; EPO; JPO; DERWENT; IBM_TD B | 2003/01/09 16:48 |
| 8 | BRS | L9 | 31640 | "14" and rearrang\$3 | USPAT; US-PGP UB; EPO; JPO; DERWENT; IBM_TD B | 2003/01/09 16:49 |
| 9 | BRS | L10 | 0 | 8 and rearrang\$3 | USPAT; US-PGP UB; EPO; JPO; DERWENT; IBM_TD B | 2003/01/09 16:49 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|---|--|---------------------|
| 10 | BRS | L8 | 14 | 7 and matri\$3 | USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B | 2003/01/09 16:49 |
| 11 | BRS | L11 | 25 | 4 and importan\$3 | USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B | 2003/01/09 17:08 |
| 12 | BRS | L12 | 7 | 2 and (keyword\$1 same search\$3 same importan\$3) | USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B | 2003/01/09 17:40 |

| | Document ID | Issue Date | Title | Current OR | Current XRef | Inventor |
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| 2 | US 6473794 B1 | 20021029 | System for establishing plan to test components of web based framework by displaying pictorial representation and conveying indicia coded components of existing network framework | 709/223 | 709/224 | Guheen, Michael F. et al. |
| 3 | US 6427020 B1 | 20020730 | Methods and devices for recognizing banknotes and responding accordingly | 382/100 | 283/901; 382/135 | Rhoads, Geoffrey B. |
| 4 | US 6419577 B1 | 20020716 | Semi-real time simulation type video game device | 463/1 | 463/40; 463/41; 463/42; 463/43; 463/7 | Okada, Hiroshi et al. |
| 5 | US 6363164 B1 | 20020326 | Automated document processing system using full image scanning | 382/135 | 194/206; 209/534 | Jones, John E. et al. |
| 6 | US 6336144 B1 | 20020101 | Apparatus and method for executing a plurality of processes in parallel, and storage medium storing a program for implementing the method | 709/232 | 709/217; 712/220 | Otani, Kazuo et al. |
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| 8 | US 6247009 B1 | 20010612 | Image processing with searching of image data | 707/3 | 345/700; 707/5; 707/7; 709/219 | Shiiyama, Hirotaka et al. |
| 9 | US 6247004 B1 | 20010612 | Universal computer assisted diagnosis | 706/46 | 600/300; 706/45; 706/47 | Moukheibir, Nabil W. |
| 10 | US 6226402 B1 | 20010501 | Ruled line extracting apparatus for extracting ruled line from normal document image and method thereof | 382/171 | 382/199; 382/286; 707/510 | Katsuyama, Yutaka |
| 11 | US 6173275 B1 | 20010109 | Representation and retrieval of images using context vectors derived from image information elements | 706/14 | 382/190; 382/195; 382/224; 382/225; 706/12; 706/934 | Caid, William R. et al. |
| 12 | US 6154779 A | 20001128 | Method and apparatus for storing received data in association with correlated index information | 709/232 | 358/404; 709/217 | Otani, Kazuo et al. |
| 13 | US 6094647 A | 20000725 | Presearch type document search method and apparatus | 707/2 | 707/6 | Kato, Kanji et al. |
| 14 | US 6055530 A | 20000425 | Document information management system, method and memory | 707/3 | 707/1; 707/2; 707/200; 707/507; 707/520 | Sato, Minoru |
| 15 | US 6047112 A | 20000404 | Technique for initiating processing of a data stream of encoded video information | 714/1 | | Wise, Adrian Philip et al. |
| 16 | US 6040825 A | 20000321 | Input/display integrated information processing device | 345/173 | | Yamamoto, Hiroshi et al. |
| 17 | US 6021404 A | 20000201 | Universal computer assisted diagnosis | 706/46 | 706/45; 706/47 | Moukheibir, Nabil W. |
| 18 | US 5999664 A | 19991207 | System for searching a corpus of document images by user specified document layout components | 382/305 | 382/180 | Mahoney, James V. et al. |
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| 21 | US 5950201 A | 19990907 | Computerized design automation method using a single logical PFVL paradigm | 707/10 | 700/96; 707/102; 707/203; 707/4; 707/8; 709/201 | Van Huben, Gary Alan et al. |
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| 23 | US 5909551 A | 19990601 | Interactive recording/reproducing medium and reproducing system | 709/231 | 360/27; 360/39 | Tahara, Mika et al. |
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| 25 | US 5862223 A | 19990119 | Method and apparatus for a cryptographically-assisted commercial network system designed to facilitate and support expert-based commerce | 705/50 | 705/1; 705/26; 705/74; 705/77; 713/170 | Walker, Jay S. et al. |
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| 27 | US 5842198 A | 19981124 | Data management system, that enables a user to connect existing data to an external file and a program to process that data | 707/2 | 707/3 | Suzuki, Toshikatsu et al. |
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| 35 | US 5666549 A | 19970909 | Method and system for processing a document transmitted via facsimile in an initially input form stored in a knowledge base | 707/500 | | Tsuchiya, Masayuki et al. |
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| 39 | US 5535291 A | 19960709 | Superresolution image enhancement for a SIMD array processor | 382/254 | 382/276; 382/278; 382/302; 708/801; 712/22 | Spencer, George L. et al. |
| 40 | US 5519857 A | 19960521 | Hierarchical presearch type text search method and apparatus and magnetic disk unit used in the apparatus | 707/5 | | Kato, Kanji et al. |
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| 44 | US 5287199 A | 19940215 | Facsimile message processing and routing system | 358/402 | 358/400; 358/404; 358/407; 358/440; 358/444; 358/468; 379/100.07; ; 379/100.09; ; 379/100.13 | Zoccolillo, Susan M. |
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| 48 | US 5038379 A | 19910806 | Image information searching apparatus | 382/306 | 353/26A; 353/26R | Sano, Yoshitaka |
| 49 | US 5010500 A | 19910423 | Gesture-modified diagram for retrieval of image resembling diagram, with parts selectable for further interactive retrieval | 345/863 | 345/156; 345/440; 345/810; 382/186 | Makkuni, Ranjit et al. |
| 50 | US 4985930 A | 19910115 | Image data filing system and image data correcting method | 382/306 | 358/452; 382/287; 382/289 | Takeda, Haruo et al. |
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Patent Assignment Abstract of Title

Total Assignments: 1**Application #:** 09651654**Filing Dt:** 08/30/2000**Patent #:** NONE**Issue Dt:****PCT #:** NONE**Publication #:** NONE**Pub Dt:****Inventor:** Satoshi Yashiro**Title:** Image management and search apparatus, image management and search method and storage medium**Assignment: 1****Reel/Frame:** 011348/0322 **Received:** 12/22/2000 **Recorded:** 12/05/2000 **Mailed:** 09/06/2001 **Pages:** 3**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** YASHIRO, SATOSHI**Exec Dt:** 11/16/2000**Assignee:** CANON KABUSHIKI KAISHA

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